

# Abstracts

## 6 to 18 GHz Transmit/Receive Modules for Multifunction Phased Arrays

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*D.E. Meharry, J.L. Bugeau, W.J. Coughlin and M.A. Priolo. "6 to 18 GHz Transmit/Receive Modules for Multifunction Phased Arrays." 1989 MTT-S International Microwave Symposium Digest 89.1 (1989 Vol. I [MWSYM]): 115-118.*

A full 6 to 18 GHz Transmit/Receive module is demonstrated for multifunction phased array applications utilizing a family of high performance MMICs. Featured are output powers reaching over 1.0 W, a 4:1 bandwidth 5-bit digital phase shifter, a low loss, high isolation switch, and a high dynamic range design incorporating all required system functions.

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